

REMARKS

Upon entry of this amendment, claims 1-27 and newly added claims 28-31 will remain in the application.

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be examined. Enclosed is a check in the amount of \$240 for excess claim fees. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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Version with markings to show changes made

In the specification:

Paragraph **0016** has been amended as follows:

The execution unit 120 may request access to non-existent memory. This may occur due to mistakes in the program and in instances when the program wanders outside of the enabled L1 SRAM memory address space. If the access is to non-existent L1 SRAM memory, the local memory controller 135 may trigger an illegal-access violation exception (block 216). The execution flow may then be interrupted in order for the processor 102 to handle the exception.

In the claims:

New claims 28-31 have been added.